

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD0404_01_s_2013_24				
Comment Code					
Inspector Comment					
The LMA has a copy of the O & M Manual on file.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	25
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD0404_01_s_2013_25				
Comment Code					
Inspector Comment					
LMA has adequate flood fight supplies on hand.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.00	Rating **	A	Issue No.	26
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				
DWR ID	DWR_RD0404_01_s_2013_26				
Comment Code					
Inspector Comment					
LMA staff are maintaining their flood fight training with the last two years.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	30
LM End	2.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.942193 °	37.920442 °
				-121.345138 °	-121.318502 °
DWR ID	DWR_RD0404_01_s_2017_30				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.00	Rating **	M	Issue No.	39
LM End	2.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.942193 °	37.920442 °
				-121.345138 °	-121.318502 °
DWR ID	DWR_RD0404_01_s_2017_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.11	Rating **	M	Issue No.	43
LM End	0.11	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.940830 °	37.940830 °
				-121.344030 °	-121.344030 °
DWR ID	DWR_RD0404_01_s_2017_43				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

LM Start	0.13	Rating **	C	Issue No.	31
LM End	0.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.940677 °	37.940677 °
				-121.343790 °	-121.343790 °
DWR ID	DWR_RD0404_01_s_2015_31				
Comment Code					
MA : Material					
Inspector Comment					
Remove the large concrete blocks from landward slope. LMA corrected issue.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.34	Rating **	U	Issue No.	32
LM End	0.34	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.939190°	37.939190°
				-121.338280°	-121.338280°
DWR ID	DWR_RD0404_01_s_2017_32				
Comment Code					
Inspector Comment					
07/25/2016: No significant change observed.					
06/24/2015: No significant change observed.					
06/19/2014: No significant change observed.					
08/13/2013: No significant change at this site.					
08/7/2012: The erosion is next to a repaired site and approximately 400 feet downstream of a river bend. There are broken concretes at the upper levee slope, but not visible at the levee toe or lower slope. Likely the protection concrete blocks have been washed away. [2016 Site ID:RD0404U01RM41.11]					

Photo 1 of 2 : SP_2017_RD0404_305_32_20170316_00021.jpg



Front view of the site.

LM Start	0.34	Rating **	U	Issue No.	32 (cont)
LM End	0.34	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_RD0404_305_32_20170316_00022.jpg



Front view of the site.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.43	Rating **	A/W	Issue No.	5
LM End	0.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.939635 °	37.939635 °
				-121.339063 °	-121.339063 °
DWR ID	DWR_RD0404_01_s_2013_5				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
District grouted hole, and the deficiency still exist.					

LM Start	0.43	Rating **	A/W	Issue No.	5 (cont)
LM End	0.43	Issue Type +	Ma	Location *	CR

Photo 1 of 4 : SP_2017_RD0404_305_5_20170316_00004.jpg



Looking at partialled grouted rodent hole on levee crown (Fall 2014).

Photo 2 of 4 : SP_2017_RD0404_305_5_20170316_00005.jpg



Looking at partially grouted rodent hole on levee crown

LM Start	0.43	Rating **	A/W	Issue No.	5 (cont)
LM End	0.43	Issue Type +	Ma	Location *	CR

Photo 3 of 4 : SP_2017_RD0404_305_5_20170316_00006.jpg



Looking at rodent hole on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.75	Rating **	U	Issue No.	108
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.937657 °	37.937657 °	
			-121.334158 °	-121.334158 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:51169
DS_ID:17945
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 11/29/2016 Flap gate still buried with sediment on WS. Requires clearing. (K. Fazel - UCIP)03/26/2013 Partially buried flap gate (P. Amatya - DWR)
FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe, 18 feet below the crown. Flap gate, concrete headwall and spillway on the waterside (WS). Pumphouse on the landside (LS). Abandoned concrete headwall, power pole, and two wooden piles found on the LS.
[Additional Reference(s): DWR Levee Log, 2006. USACE San Joaquin O&M Manual 001, March 1963 (HLM 0.78)]. Pipe likely belongs to the City of Stockton.
FS Date: 11/29/2016

LM Start	0.75	Rating **	U	Issue No.	108 (cont)
LM End	0.75	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_51169_19962.jpg



WS- drainage outlet structure and CM pipe with flapgate

Photo 2 of 3 : UCIP_SP_2017_51169_19961.jpg



WS- Debris and vegetation blocking CM drainage pipe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.75	Rating **	U	Issue No.	108 (cont)	
LM End	0.75	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.937657 °	37.937657 °	
				-121.334158 °	-121.334158 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51169						
DS_ID:17945						
EP_NO: N/A						
Repair Type: Urgent						
Crossing Status: Found						
UCIP Comments: 11/29/2016 Flap gate still buried with sediment on WS. Requires clearing. (K. Fazel - UCIP)03/26/2013 Partially buried flap gate (P. Amatya - DWR)						
FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe, 18 feet below the crown. Flap gate, concrete headwall and spillway on the waterside (WS). Pumphouse on the landside (LS). Abandoned concrete headwall, power pole, and two wooden piles found on the LS.						
[Additional Reference(s): DWR Levee Log, 2006. USACE San Joaquin O&M Manual 001, March 1963 (HLM 0.78)]. Pipe likely belongs to the City of Stockton.						
FS Date: 11/29/2016						

Photo 3 of 3 : UCIP_SP_2017_51169_19960.jpg



WS- slightly tilted outlet structure

LM Start	0.78	Rating **	M	Issue No.	8
LM End	0.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.937395 °	37.937395 °
				-121.333883 °	-121.333883 °
DWR ID	DWR_RD0404_01_s_2013_8				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trees are blocking view of the slope.					

Photo 1 of 1 : SP_2017_RD0404_305_8_20170316_00009.jpg



Looking southeast at dense trees on landward slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.89	Rating **	M	Issue No.	17
LM End	0.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.936159 °	37.936159 °
				-121.332711 °	-121.332711 °
DWR ID	DWR_RD0404_01_f_2012_17				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.95	Rating **	M	Issue No.	2	
LM End	0.95	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			37.935990 °	37.935990 °	
				-121.331600 °	-121.331600 °	
DWR ID	DWR_RD0404_01_s_2012_2					
Comment Code						
V4 : Elderberries are blocking visibility and flood fight capability.						
Inspector Comment						
Elderberries are partially blocking the visibility.						

No Photos

LM Start	0.98	Rating **	U	Issue No.	42
LM End	0.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.935918 °	37.935918 °
				-121.331032 °	-121.331032 °
DWR ID	DWR_RD0404_01_s_2017_42				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2017_RD0404_305_42_20170407_00070.jpg



Looking west at large animal hole (den) on waterward shoulder.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.98	Rating **	U	Issue No.	42 (cont)	
LM End	0.98	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Animal Control			37.935918 °	37.935918 °	
				-121.331032 °	-121.331032 °	
DWR ID	DWR_RD0404_01_s_2017_42					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						

Photo 2 of 2 : SP_2017_RD0404_305_42_20170407_00071.jpg



Looking northwest at large animal hole (den) on waterward shoulder.

LM Start	1.07	Rating **	A/W	Issue No.	102
LM End	1.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.935358 °	37.935358 °
				-121.329645 °	-121.329645 °
DWR ID	DWR_RD0404_01_s_2012_102				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
LMA corrected issue.					

Photo 1 of 2 : SP_2017_RD0404_305_102_20170316_00032.jpg



Looking northwest at untrimmed tree on waterward slope.

LM Start	1.07	Rating **	A/W	Issue No.	102 (cont)
LM End	1.07	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_RD0404_305_102_20170407_00072.jpg



Looking northwest at trimmed tree on waterward slope. (Spring 2017)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.09	Rating **	M	Issue No.	4
LM End	1.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.935158 °	37.935158 °
				-121.329365 °	-121.329365 °
DWR ID	DWR_RD0404_01_f_2013_4				
Comment Code					
Inspector Comment					
Concrete rubble with rebar should be removed.					

Photo 1 of 1 : SP_2017_RD0404_305_4_20170316_00003.jpg



Looking southwest at concrete rubble with rebar on waterward slope.

LM Start	1.15	Rating **	C	Issue No.	38
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.934492 °	37.934492 °
				-121.328570 °	-121.328570 °
DWR ID	DWR_RD0404_01_s_2016_38				
Comment Code					
Inspector Comment					
Concrete with rebar on waterward shoulder and slope.					

No Photos

LM Start	1.19	Rating **	U	Issue No.	101
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.934058 °	37.934058 °
				-121.328188 °	-121.328188 °
DWR ID	DWR_RD0404_01_f_2016_101				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation on landward slope.					

Photo 1 of 2 : SP_2017_RD0404_305_101_20170316_00030.jpg



Looking east at dense vegetation on landward slope. (Fall 2016)

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.19	Rating **	U	Issue No.	101 (cont)	
LM End	1.19	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			37.934058 °		37.934058 °
				-121.328188 °		-121.328188 °
DWR ID	DWR_RD0404_01_f_2016_101					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Dense vegetation on landward slope.						

Photo 2 of 2 : SP_2017_RD0404_305_101_20170316_00031.jpg



Looking southeast at overhanging trees on landside slope. (Fall 2015)

LM Start	1.35	Rating **	U	Issue No.	100
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.931945 °	37.931945 °
				-121.327150 °	-121.327150 °
DWR ID	DWR_RD0404_01_s_2012_100				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0404_305_100_20170316_00029.jpg



Looking northwest at untrimmed trees on waterward slope.

LM Start	1.44	Rating **	M	Issue No.	41
LM End	1.46	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.930450 °	37.930450 °
				-121.327450 °	-121.327450 °
DWR ID	DWR_RD0404_01_s_2017_41				
Comment Code					
Inspector Comment					
07/25/2016: No significant change observed.					
06/24/2015: No significant change observed.					
06/19/2014: A series of scarp erosions have been found on the lower levee slope and at the levee toe. [2016 Site ID:RD0404U01RM42.02]					

Photo 1 of 2 : SP_2017_RD0404_305_41_20170316_00027.jpg



Downstream view of the erosion.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.44	Rating **	M	Issue No.	41 (cont)
LM End	1.46	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.930450 °	37.930450 °
				-121.327450 °	-121.327450 °
DWR ID	DWR_RD0404_01_s_2017_41				
Comment Code					
Inspector Comment					
07/25/2016: No significant change observed.					
06/24/2015: No significant change observed.					
06/19/2014: A series of scarp erosions have been found on the lower levee slope and at the levee toe. [2016 Site ID:RD0404U01RM42.02]					

Photo 2 of 2 : SP_2017_RD0404_305_41_20170316_00028.jpg



Close view of the erosion. The upstream end of the site is protected by riprap revetment.

LM Start	1.50	Rating **	A/W	Issue No.	27
LM End	1.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.896544 °	37.896544 °
				-121.327121 °	-121.327121 °
DWR ID	DWR_RD0404_01_f_2016_27				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0404_305_27_20170316_00015.jpg



Looking west at untrimmed trees on waterward slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.55	Rating **	C	Issue No.	37
LM End	1.55	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.929065 °	37.929065 °
				-121.327265 °	-121.327265 °
DWR ID	DWR_RD0404_01_s_2016_37				
Comment Code					
PI : Pipe					
Inspector Comment					
3-4 inch depression across levee crown. LMA corrected					

No Photos

LM Start	1.62	Rating **	M	Issue No.	35
LM End	1.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.928240 °	37.928240 °
				-121.326567 °	-121.326567 °
DWR ID	DWR_RD0404_01_s_2016_35				
Comment Code					
GA : Garbage					
Inspector Comment					

No Photos

LM Start	1.70	Rating **	A/W	Issue No.	29
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.927517 °	37.926632 °
				-121.325515 °	-121.324868 °
DWR ID	DWR_RD0404_01_s_2015_29				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dense untrimmed trees on waterward slope. Army Corp veg site.Tree and woody vegetation planted by the DWR but not being maintain according to agreement.					

Photo 1 of 2 : SP_2017_RD0404_305_29_20170316_00018.jpg



Looking north at dense vegetation on waterward slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.70	Rating **	A/W	Issue No.	29 (cont)	
LM End	1.77	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			37.927517 °	37.926632 °	
				-121.325515 °	-121.324868 °	
DWR ID	DWR_RD0404_01_s _ 2015_29					
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						
Dense untrimmed trees on waterward slope. Army Corp veg site.Tree and woody vegetation planted by the DWR but not being maintain according to agreement.						

Photo 2 of 2 : SP_2017_RD0404_305_29_20170316_00019.jpg



Looking south at dense vegetation on waterward slope.

LM Start	1.75	Rating **	M	Issue No.	34
LM End	1.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.926830 °	37.926830 °
				-121.324998 °	-121.324998 °
DWR ID	DWR_RD0404_01_s _ 2016_34				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.00	Rating **	U	Issue No.	33
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.923673 °	37.923673 °
				-121.323015 °	-121.323015 °
DWR ID	DWR_RD0404_01_s _ 2016_33				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Dead tree on waterward slope					

Photo 1 of 1 : SP_2017_RD0404_305_33_20170316_00023.jpg



Looking west at dead tree on waterward slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	2.01	Rating **	M	Issue No.	16
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.923470 °	37.923470 °
				-121.322978 °	-121.322978 °
DWR ID	DWR_RD0404_01_f_2013_16				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Slope damage due to foot traffic.					

Photo 1 of 2 : SP_2017_RD0404_305_16_20170316_00011.jpg



Looking west at slope damage due to foot traffic.

LM Start	2.01	Rating **	M	Issue No.	16 (cont)
LM End	2.01	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_RD0404_305_16_20170316_00012.jpg



Looking southwest at slope damage due to foot traffic.

LM Start	2.08	Rating **	A/W	Issue No.	13
LM End	2.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.922669 °	37.922669 °
				-121.322272 °	-121.322272 °
DWR ID	DWR_RD0404_01_f_2012_13				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0404_305_13_20170316_00010.jpg



Looking northwest at untrimmed tree on waterward slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	2.11	Rating **	M	Issue No.	40
LM End	2.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.922290 °	37.922290 °
				-121.321853 °	-121.321853 °
DWR ID	DWR_RD0404_01_s_2017_40				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	2.21	Rating **	C	Issue No.	28
LM End	2.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.921458 °	37.921458 °
				-121.320502 °	-121.320502 °
DWR ID	DWR_RD0404_01_s_2015_28				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Landward slope erosion.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.35	04/06/2017 04/06/2017	Richard Willoughby

LM Start	2.33	Rating **	C	Issue No.	23
LM End	2.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.920488 °	37.920338 °
				-121.318630 °	-121.318435 °
DWR ID	DWR_RD0404_01_s_2013_23				
Comment Code					
Inspector Comment					
LMA removed concrete and rebar from waterward slope.					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.00	Rating **	M	Issue No.	9
LM End	1.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.920338 °	37.917075 °
				-121.318367 °	-121.291992 °
DWR ID	DWR_RD0404_02_s_2017_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.00	Rating **	M	Issue No.	16
LM End	1.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.920338 °	37.917075 °
				-121.318367 °	-121.291992 °
DWR ID	DWR_RD0404_02_s_2017_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.09	Rating **	M	Issue No.	13
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.919497 °	37.917663 °
				-121.317128 °	-121.299667 °
DWR ID	DWR_RD0404_02_f_2016_13				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.14	Rating **	U	Issue No.	14
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.918875 °	37.918875 °
				-121.316587 °	-121.316587 °
DWR ID	DWR_RD0404_02_f_2016_14				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0404_306_14_20170316_00003.jpg



Looking southeast at erosion on waterward slope.

LM Start	0.35	Rating **	M	Issue No.	3
LM End	0.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.918935 °	37.919543 °
				-121.313335 °	-121.311432 °
DWR ID	DWR_RD0404_02_s_2012_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent program not working.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.48	Rating **	M	Issue No.	8
LM End	0.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.919525 °	37.919525 °
				-121.311193 °	-121.311193 °
DWR ID	DWR_RD0404_02_s_2012_8				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent program not working.					

No Photos

LM Start	0.51	Rating **	C	Issue No.	12
LM End	0.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.919528 °	37.919528 °
				-121.310635 °	-121.310635 °
DWR ID	DWR_RD0404_02_f_2012_12				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
LMA corrected					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	04/06/2017 04/06/2017	Richard Willoughby

LM Start	0.58	Rating **	M	Issue No.	24
LM End	0.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.919223 °	37.919223 °
				-121.309490 °	-121.309490 °
DWR ID	DWR_RD0404_02_s_2017_24				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.68	Rating **	U	Issue No.	21
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.919245 °	37.916652 °
				-121.307705 °	-121.305085 °
DWR ID	DWR_RD0404_02_s_2016_21				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Large holes noted on landward slope.					

Photo 1 of 2 : SP_2017_RD0404_306_21_20170316_00009.jpg



Looking northeast at large roden hole on landward slope.

LM Start	0.68	Rating **	U	Issue No.	21 (cont)
LM End	0.94	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD0404_306_21_20170316_00010.jpg



Looking east at large rodent hole on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.08	Rating **	U	Issue No.	20	
LM End	1.08	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			37.916383 °		37.916383 °
				-121.302802 °		-121.302802 °
DWR ID	DWR_RD0404_02_s_2016_20					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						
Large rodent holes on landward slope and levee crown.						

Photo 1 of 3 : SP_2017_RD0404_306_20_20170407_00031.jpg



Looking northeast at rodent hole on landward shoulder.

LM Start	1.08	Rating **	U	Issue No.	20 (cont)
LM End	1.08	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2017_RD0404_306_20_20170316_00007.jpg



Looking at rodent hole on levee crown.

LM Start	1.08	Rating **	U	Issue No.	20 (cont)
LM End	1.08	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2017_RD0404_306_20_20170316_00008.jpg



Looking at rodent hole on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.13	Rating **	M	Issue No.	67
LM End	1.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.916337 °	37.916337 °
				-121.301888 °	-121.301888 °
DWR ID	DWR_RD0404_02_s_2012_67				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Dense vegetation around propane tank inside fenced area.					

Photo 1 of 4 : SP_2017_RD0404_306_67_20170316_00011.jpg



Looking northeast at dense vegetation inside fenced area near pump station on landside toe.

LM Start	1.13	Rating **	M	Issue No.	67 (cont)
LM End	1.13	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : SP_2017_RD0404_306_67_20170316_00012.jpg



Looking north at dense vegetation on landward toe around propane tank.

LM Start	1.13	Rating **	M	Issue No.	67 (cont)
LM End	1.13	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : SP_2017_RD0404_306_67_20170316_00013.jpg



Looking northeast at dense vegetation on landward toe. (Spring 2013)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.13	Rating **	M	Issue No.	67 (cont)	
LM End	1.13	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Trim / Thin Trees			37.916337 °	37.916337 °	
				-121.301888 °	-121.301888 °	
DWR ID	DWR_RD0404_02_s_2012_67					
Comment Code						
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.						
Inspector Comment						
Dense vegetation around propane tank inside fenced area.						

Photo 4 of 4 : SP_2017_RD0404_306_67_20170316_00014.jpg



Looking east at dense vegetation near pump station on landside toe.

LM Start	1.13	Rating **	M	Issue No.	11
LM End	1.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.916347 °	37.916497 °
				-121.301887 °	-121.301095 °
DWR ID	DWR_RD0404_02_s_2012_11				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Grouting program is being used.					

No Photos

LM Start	1.14	Rating **	C	Issue No.	15
LM End	1.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.916388 °	37.916388 °
				-121.301683 °	-121.301683 °
DWR ID	DWR_RD0404_02_s_2015_15				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Remove dead stump.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.18	Rating **	M	Issue No.	22
LM End	1.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.916483 °	37.916483 °
				-121.301100 °	-121.301100 °
DWR ID	DWR_RD0404_02_s_2017_22				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2017_RD0404_306_22_20170407_00032.jpg



Looking east at large rodent hole on landward slope.

LM Start	1.18	Rating **	M	Issue No.	22 (cont)
LM End	1.18	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD0404_306_22_20170407_00033.jpg



Looking southwest at several rodent holes on landward slope.

LM Start	1.18	Rating **	M	Issue No.	23
LM End	1.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.916483 °	37.916483 °
				-121.301100 °	-121.301100 °
DWR ID	DWR_RD0404_02_s_2017_23				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.23	Rating **	A/W	Issue No.	64
LM End	1.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.917042 °	37.917042 °
				-121.300400 °	-121.300400 °
DWR ID	DWR_RD0404_02_s_2012_64				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes on waterside shoulder and slope. The District is grouting the holes. But rodent program not working.					

No Photos

LM Start	1.24	Rating **	U	Issue No.	18
LM End	1.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.917092 °	37.917092 °
				-121.300352 °	-121.300352 °
DWR ID	DWR_RD0404_02_s_2016_18				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove dead tree from waterward slope.					

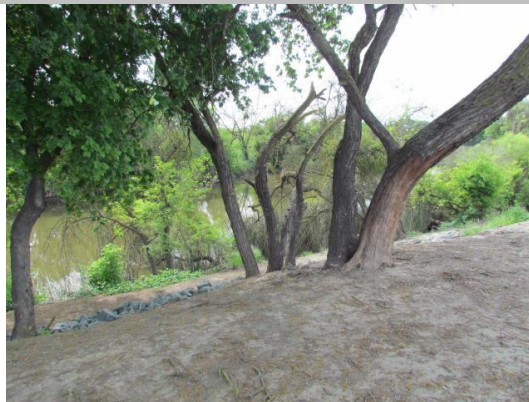
Photo 1 of 2 : SP_2017_RD0404_306_18_20170316_00005.jpg



Looking east at dead trees on waterward slope.

LM Start	1.24	Rating **	U	Issue No.	18 (cont)
LM End	1.24	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_RD0404_306_18_20170316_00006.jpg



Looking at close up view of dead trees on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.44	Rating **	A/W	Issue No.	61
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.918473 °	37.918535 °
				-121.297213 °	-121.295980 °
DWR ID	DWR_RD0404_02_s_2012_61				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Area backfilled by LMA					

No Photos

LM Start	1.65	Rating **	U	Issue No.	19
LM End	1.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.917860 °	37.917860 °
				-121.293530 °	-121.293530 °
DWR ID	DWR_RD0404_02_s_2017_19				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Several sinkholes near toe of levee					

Photo 1 of 2 : SP_2017_RD0404_306_19_20170407_00034.jpg



Looking north at one of several sink holes at waterward toe.

LM Start	1.65	Rating **	U	Issue No.	19 (cont)
LM End	1.65	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_RD0404_306_19_20170407_00035.jpg



Looking north at several sink holes at waterward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0404 Boggs

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.75	04/06/2017 04/06/2017	Richard Willoughby

LM Start	1.75	Rating **	M	Issue No.	17
LM End	1.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.917315 °	37.917315 °
				-121.291807 °	-121.291807 °
DWR ID	DWR_RD0404_02_s_2016_17				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---